

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A manufacturing method for oral quick-dissolving seamless capsules, comprising the steps of:

preparing a core liquid containing a filler material;

preparing a shell liquid containing a shell material that includes one or more plasticizers selected from a the group consisting of glycerin, propylene glycol, and polyethylene glycol, and a shell forming agent;

supplying to a multiple nozzle, which has an inner nozzle and an outer nozzle that surrounds the inner nozzle, the core liquid so as to be extruded from the inner nozzle, and the shell liquid so as to be extruded from the outer nozzle, in order to form multilayer liquid drops by extruding a multilayer jet from the multiple nozzle;

forming seamless capsules by hardening the shell liquid of the multilayer liquid drops by reacting the shell liquid with a hardening liquid flowing through a ~~pass~~ passage, and coating the core liquid with the shell material;

separating the seamless capsules from the hardening liquid; and

removing the hardening liquid adhering to surfaces of the seamless capsules separated from the hardening liquid and drying the surfaces to form seamless capsules that do not substantially ~~stiek~~ adhere to each other;

wherein the seamless capsules are manufactured to have a particle diameter of 1 to ~~10~~ 8 mm, a mass ratio of the shell material to the filler material of 5:95 to ~~70:30~~ 20:80, and ~~the~~ an amount of added plasticizer is ~~20~~ 40 to 70% by mass with respect to the total amount of the shell material, excluding water.

2. (Cancelled)

3. (Currently Amended) A seamless capsule manufacturing method according to claim 1, wherein the amount of the plasticizer is ~~30~~ 40 to 65% by mass with respect to the total amount of the shell material, excluding water.

4. (Original) A seamless capsule manufacturing method according to claim 1, wherein the amount of the plasticizer is 40 to 60% by mass with respect to the total amount of the shell material, excluding water.

5. (Original) A seamless capsule manufacturing method according to claim 1, wherein the shell material includes sorbitol in an amount of no more than 10% by mass.

6. (Currently Amended) A seamless capsule manufacturing method according to claim 1, wherein the shell material includes at least one of a polysaccharide, a gelling agent, and a proteolytic agent, in an amount of no more than 10% by mass.

7. (Original) A seamless capsule manufacturing method according to claim 1, wherein the hardening liquid includes an edible oil.

8. (Cancelled)

Applicants: Suzuki et al.
Serial No.: 10/659,511
Filing Date: September 10, 2003
Docket No.: 105-64
Page 4

9. (New) A seamless capsule manufacturing method according to claim 1, wherein the seamless capsules are manufactured to have a particle diameter of 1 to 7 mm.

10. (New) A seamless capsule manufacturing method according to claim 1, wherein the mass ratio of the shell material to the filler material is 5:95 to 15:85.